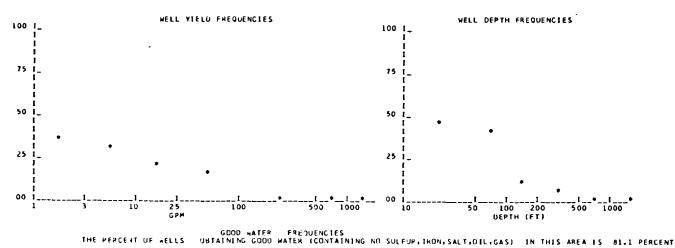
## BIGBY-CANNON LIMESTONE

					S001 UM		RUNFSS			DISSOLVED		SPECIFIC		
	PH	TEMP	[RON	SULFATE	CHLURIDE	TOTAL	CALCIUN	SILICA	ALKAL INITY	SOLIOS	YIELD	CAPACITY	DEPTH	OVERBURDEN
AVERAGE	7.2	15	.17	48	140	261	213	A	216	494	11	1.61	90	14
MUM [XAM	8.1	18	1.29	275	5350	500	460	ĭ	216	1030	50	12.50	951	59
MINIMUM	6.6	7	.30		3	60	40	Š	216	167	ő	.01	14	i
SAMPLES	66	42	66	63	61	63	63	1	210	24	148	48	184	100
								-	•		•			
	CUMU	LATIVE	WELL "	YIELD F	REQUENCIES						UMULATE	VE WELL DE	PTH FRE	QUENCIES

CUMULATIVE WELL YIELD FREQUENCIES
THE PEPCENT OF WELLS IN THIS AREA REPURTED TO YIELD
3 GPM UR MORE IS 65.5 PERCENT
10 GPM UR MORE IS 36.5 PERCENT
25 GPM UR NURE IS 14.9 PERCENT
100 GPM UR MORE IS .0 PERCENT
500 GPM UR MORE IS .0 PERCENT
1000 GPM UR MURE IS .J PERCENT

CUMULATIVE WELL DEPTH PRODUNCIES

THE PERCENT OF WELLS HAVING TO GO DEEPER THAN
50 FEET IN THIS AREA TO OBTAIN WATER IS 53.0 PERCE
100 FLET IN THIS AREA TO OBTAIN WATER IS 15.1 PERCE
200 FEET IN THIS AREA TO OBTAIN WATER IS .0 PERCE
500 FEET IN THIS AREA TO OBTAIN WATER IS .0 PERCE 53.0 PERCENT 15.1 PERCENT 4.3 PERCENT -0 PERCENT -0 PERCENT



THE PERCEIT UF WELLS TESTING NEGATIVE ILESS THAN 5 COLI/100 ML) IS 42.9 PERCENT FOR 7 SAMPLES WITH A TOTAL/FECAL COLIFORM RATIO OF GREATER THAN 10 IS 57.1 PERCENT FOR 7 SAMPLES

#### CARTERS LIMETONE

25

00

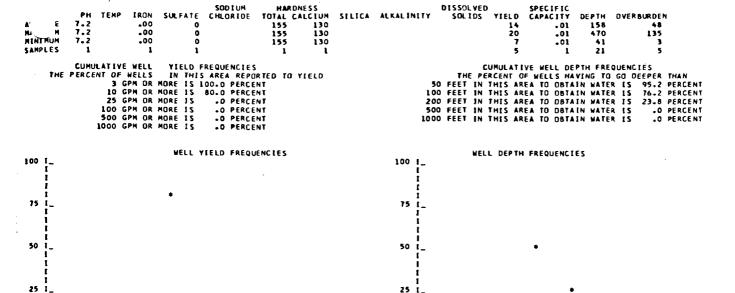
		РН	TEMP	IRUN	SULFATE	SUD CHLO			UNESS	SILICA	ALKAL IN I		DISSOLVEC SOLIDS			PECIFIC APACITY		OVERBURGE	N.
AVER	AGE	7.2	15	.13	43		86	252	196	9		47	454		8	.84	117	15	
MAXI		9.0	18	1.18	840		2188	950	750	14		11	1156	7	4	40.00		85	
MINI		5.5	8	.00	2 - 2		5	30	15	5		6B	209		ò	-01		Ö	
SAMP		116	75	124	123		118	125	122	á		2	29	32		123		264	
34.11		110	• • •	124	123		110	12)	144			•	27	,,		123	71.0		
			LATIVE		YIELD	FKEQUÉ	NCIES						(	UMULA	TIVE	WELL D	EPTH FRE	OUENCIES	
	THE	PERCE	NT OF	WELLS	IN THI	S AREA	REPOR	TED TO	O A LE FO				THE PE	ERCENT	OF I	WELLS H	AVING TO	I GO DEEPER	THAN
			3 G	P4 IJR	MORE IS	59.0	PERCEN	ſ				50	FEET IN	THIS	AREA	TO DET	AIN WATE	R IS 73.5	PERCENT
			10 G	PY OR	MORE IS	28.4	PERCEN	T				100	FEET IN	THES	AREA	TO DET	AIN WATE	R IS 33-1	PERCENT
			25 0	P4 OR	MORE IS	8.3	PERCEN	T				200	FEET IN	THIS	AREA	TO DBT	AIN WATE	R IS 6.8	PERCENT
			100 0	PH OH	MORE IS	.0	PERCEN	T				500	FEET IN	THIS	AREA	TO 08T	AIN HATE	R 15 -0	PERCENT
			500 0	PM OR	MORE IS	.0	PERCEN	IT.				1000	FEET IN	THIS	AREA	TO OBT	AIN WATE	R IS .O	PERCENT
			1000 0	P4 UR	MORE IS	.0	PERCEN	T											
					WELL	VIELO	FREQUE	NCIES					WEL	LL DEP	TH F	REQUENC	IES		
100	1										100 1						•		
	1										1	-							
	i										i								
	i										i								
	i										i								
75	Ī.										75								
	ı										i	_							
	1										i								
	1										i								

50 1 50 25 GPM 100 500 1000 200

GOOD WATER FREQUENCIES
OBTAINING GOOD WATER (CONTAINING NO SULFUR, IRON, SALT, OIL, GAS) IN THIS AREA IS 75.2 PERCENT THE PERCENT OF WELLS

THE PERCENT OF WELLS THE PERCENT OF WELLS TESTING NEGATIVE (LESS THAN 5 COLI/100 ML) 15 38.9 PERCENT FOR 18 SAMPLES WITH A TOTAL/FECAL COLIFORM RATIO OF GREATER THAN 10 IS 66.7 PERCENT FOR 18 SAMPLES

# CHICKAMAUGA GROUP (EXCEPT OTTOSSE & TELLICO)



GOOD WATER FREQUENCIES
THE PERCENT OF WELLS OBTAINING GOOD WATER (CONTAINING NO SULFUR, IRON, SALT, OIL, GAS) IN THIS AREA IS 66.7 PERCENT

1000

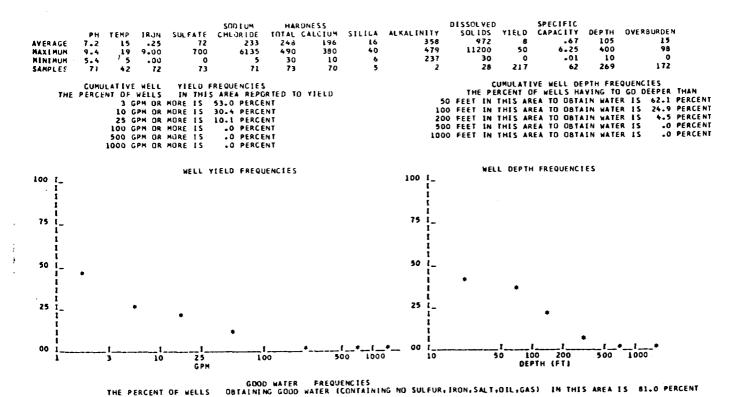
500

00

100 200 DEPTH (FT)

#### HERMITAGE FORMATION

100



THE PERCENT OF WELLS TESTING NEGATIVE (LESS THAN 5 COLI/100 ML) IS 28.6 PERCENT FOR 7 SAMPLES THE PERCENT OF WELLS WITH A TOTAL/FECAL COLIFORM RATIO OF GREATER THAN 10 IS 85.7 PERCENT FOR 7 SAMPLES

1

### DAVIDSON

						\$20.10	M НА1	RONESS			DISSOLVED	1	SPECIFIC			
		PH	TEMP	1909	SULFATE	CHLORE		CALCIUM	SILICA	ALKAL INITY	SOLIDS	YIELD	CAPACITY	DEPTH		
E Q	105	6.9		.27	100		54 388	199	7	222		8	.51	172	19	
1	4U v	8.2		1.20	285		88 1400	485	7	222		250	15.00	1820	143	
	404	2.3		.00	. 3		25 159	100	7	222		0	-01	18	0	
3140	LFS	7		7	6		3 7	7	ı	1		604	116	727	466	
	THE	PEPCE	10 0 25 0 100 0 500 0	WELLS PM OR OM OR OM OR OM OR OM OR		63.9 PE 26.8 PE 8.1 PE .5 PE	EPORTED TO RCENT RCENT	O 41ELO		10 20 50	THE PE O FEET IN O FEET IN O FEET IN	RCENT O THIS AR THIS AR THIS AR THIS AR	VE WELL DE F WELLS HA EA TO OBTA EA TO OBTA EA TO OBTA EA TO OBTA	VING TO IN WATE IN WATE IN WATE	GD   DEEPER     R   IS   17.0     R   IS   45.4     R   IS   14.7     R   IS   2.9	THAN PERCENT PERCENT PERCENT PERCENT PERCENT PERCENT
LOO	ſ_ t				WELL	YIELD FR	EQUENC 1 E S			100	WEL	L DEPTH	FREQUENCI	ES		
75	! ! ! !									75 I_ I						
50	! ! ! !									I I 50 I_ I						
25	[ ] [_ ]	•	•	1	•					25 I_ I	•	•	•			
90	! !		·;	10	l_ 25 GPM	<del></del>	100	-+1 50	0 1000	•_ 00 1	5	11 0 10 0EP	t 0 200 TH (FT)	1• 500	1000	

GOOD WATER FREQUENCIES
THE PERCENT OF WELLS OBTAINING GOOD WATER ICONTAINING NO SULFUR, IRON, SALT, OIL, GAS) IN THIS AREA IS 83.3 PERCENT

THE PERCENT OF WELLS TESTING NEGATIVE (LESS THAN 5 COLIVION ML) IS .. O PERCENT FOR 1 SAMPLES

#### **DECATUR**

```
SINITUM HARDNESS
TEMP IRON SULFATE CHURTDE TOTAL CALCIUM
                                                                                                                                                                                            DISSOLVED YIELD
                                                                                                                                            SILICA ALKALINITY
AVERAGE
MAXIMIN
MINIMUM
SAMPLES
                                                                                                                                                                                                                           75
0
                                                                                                                                                                                                                                                                107
400
16
214
                                                                                                                                                                                                                                                                                            1
65
          CHMULATIVE WELL YIELD FREQUENCIES
THE PERCENT OF WELLS IN THIS AREA REPORTED TO YIELD
3 GPM OR MORE IS 79.6 PERCENT
10 GPM OR MORE IS 34.7 RESCENT
100 GPM OR MORE IS 2.0 PERCENT
100 GPM OR MORE IS ... PERCENT
500 GPM OR MORE IS ... PERCENT
                                                                                                                                                                                   CUMULATIVE WELL DEPTH FREQUENCIES

THE PERCENT OF MELLS HAVING TO GO DEEPER THAN

50 FEET IN THIS AREA TO OBTAIN WATER IS 66.8 PERCENT
IOO FEET IN THIS AREA TO OBTAIN WATER IS 26.6 PERCENT
500 FEET IN THIS AREA TO OBTAIN WATER IS ... O PERCENT
1000 FEET IN THIS AREA TO OBTAIN WATER IS ... O PERCENT
                                                                    WELL YIELD FREQUENCIES
                                                                                                                                                                                                          WELL DEPTH FREQUENCIES
                                                                                                                                                                        100 1
100 1
                                                                                                                                                                           75
   5 C
                                                                                                                                                                           50
                                                                                                                                                                          25
   00
                                                                                                                                                    1000
                                                                                                    100
                                                                                     GOOD WATER FREQUENCIES
OBTAINING GOOD WATER (CONTAINING NO SULFUR, IRON, SALT, OIL, GAS) IN THIS AREA IS 95.3 PERCENT
```